

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** T80518

**Employer :** Westin Building and Garage

**Worksite :** Unaffected Portion of TMP

**Street :** 2001 Sixth Ave

**Jurisdiction :** City of Seattle

**Survey Date :** 10/23/2017

**Survey :** TMP

**Survey Type :** Online

**Response Rate :** 62%

### Drive Alone & One-Way VMT Rates at this Worksite

**Drive Alone :** 32.4%

**One-Way VMT per employee :** 5.5

### Employees and Survey Response Information

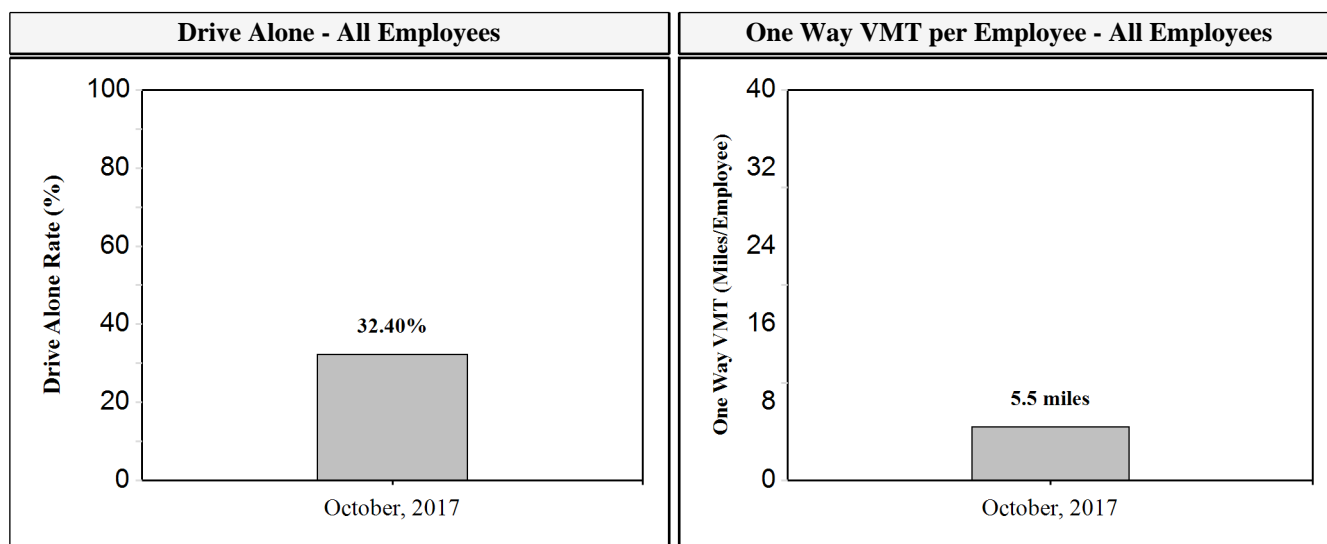
**Reported Total Employees at Worksite:** 389

**Surveys Distributed :** 389

**Surveys Returned :** 242

**Surveys Returned by CTR Affected Employees :** 216

**Total Estimated CTR - Affected Employees at Worksite :** 347



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
October, 2017	32.4%	31.1%	5.5	5.5

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	October, 2017	October, 2017 Without Fill-In
Drive Alone - All Employees*	32.4%	40%
Drive Alone - CTR Affected Employees*	31.1%	39.6%
VMT/Employee - All Employees	5.5	6.6
VMT/Employees - CTR Affected Employees	5.5	6.8

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	October, 2017
Emissions for Surveyed Employees	293
Estimated Emissions for Total Employment	471

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	October, 2017
Bus Annual Passenger Miles - Estimated for Total Employment	750,513
Bus Annual Passenger Miles - Surveyed Employees	466,900
Ferry Annual Passenger Miles - Estimated for Total Employment	323,899
Ferry Annual Passenger Miles - Surveyed Employees	201,500
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	318,594
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	198,200

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

**Q3.**

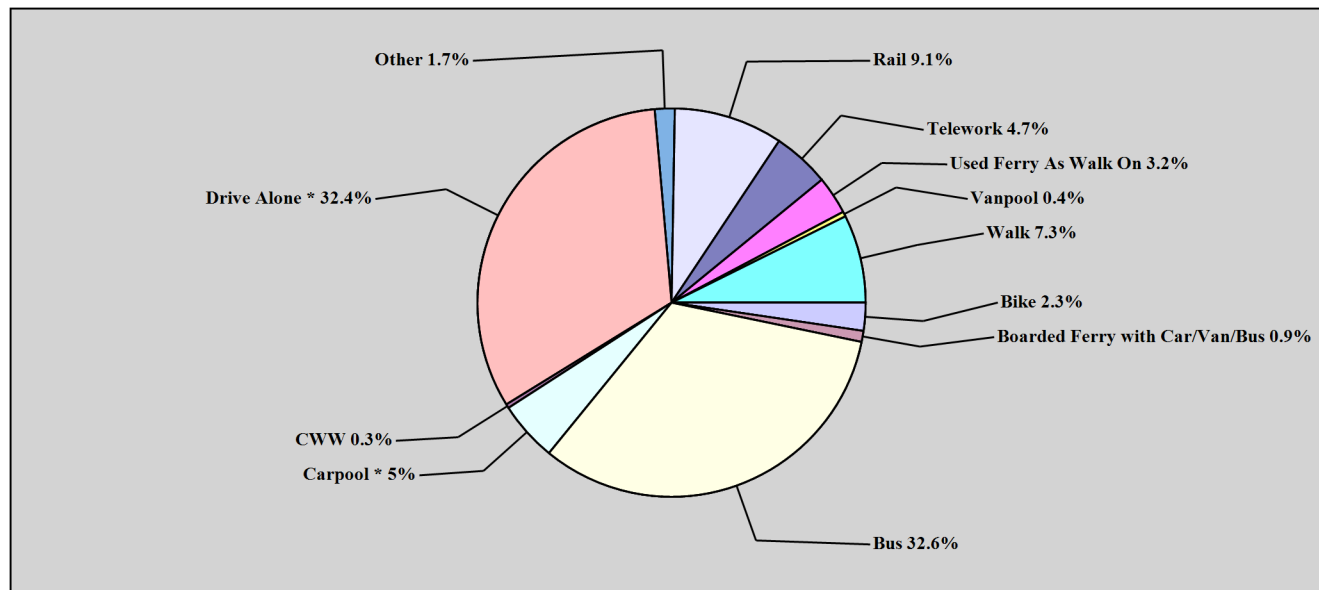
**One way, how many miles do you commute from home to your usual work location?**

**Average one-way distance home to work: 15.5 miles**

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



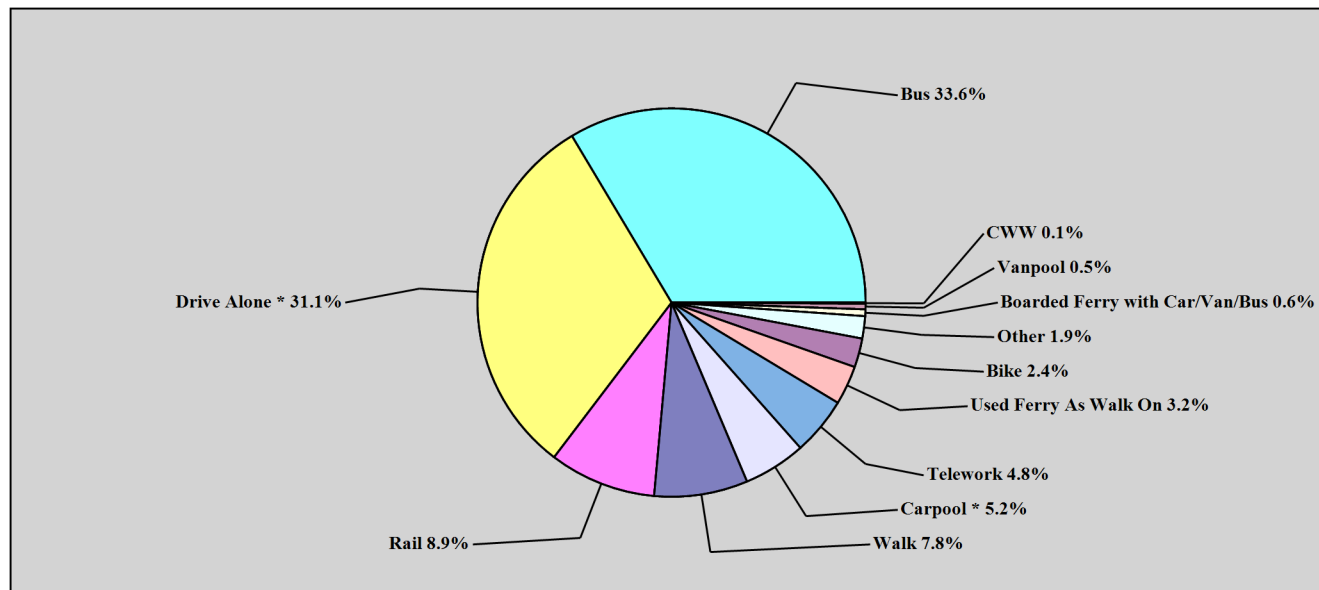
Mode	Trips During This Survey Week	% of Trips During This Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week
Drive Alone *	389	32.4%	102	42.1%
Carpool *	60	5%	22	9.1%
Vanpool	5	0.4%	1	0.4%
Bus	392	32.6%	98	40.5%
Rail	109	9.1%	27	11.2%
Bike	28	2.3%	10	4.1%
Walk	88	7.3%	18	7.4%
Telework	57	4.7%	40	16.5%
CWW	4	0.3%	2	0.8%
Boarded Ferry with Car/Van/Bus	11	0.9%	3	1.2%
Used Ferry As Walk On	38	3.2%	9	3.7%
Other	20	1.7%	7	2.9%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week
Drive Alone *	335	31.1%	89	41.2%
Carpool *	56	5.2%	20	9.3%
Vanpool	5	0.5%	1	0.5%
Bus	362	33.6%	90	41.7%
Rail	96	8.9%	23	10.6%
Bike	26	2.4%	9	4.2%
Walk	84	7.8%	17	7.9%
Telework	52	4.8%	36	16.7%
CWW	1	0.1%	1	0.5%
Boarded Ferry with Car/Van/Bus	6	0.6%	2	0.9%
Used Ferry As Walk On	35	3.2%	8	3.7%
Other	20	1.9%	7	3.2%

\* Drive alone mode includes fill-in, where applicable.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	63	26%	242	100%
1 Days	8	3%	179	74%
2 Days	8	3%	171	71%
3 Days	9	4%	163	67%
4 Days	25	10%	154	64%
5 Days	117	48%	129	53%
6 or More Days	12	5%	12	5%

**Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)**

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non- Drive Alone At Least 3 Days / week	
5 days a week	48	22.7%	15	7.1%	81	38.4%	8	3.8%	18	8.5%	0	0%	19	9%	3	1.4%	144	68.2%
4 days a week (4/10s)	2	14.3%	3	21.4%	1	7.1%	1	7.1%	1	7.1%	0	0%	2	14.3%	0	0%	8	57.1%
3 days a week	0	0%	0	0%	1	50%	0	0%	1	50%	0	0%	0	0%	0	0%	2	100%
9 days in 2 weeks (9/80)	0	0%	1	33.3%	1	33.3%	0	0%	0	0%	0	0%	0	0%	0	0%	2	66.7%
7 days in 2 weeks	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
Other	0	0%	3	33.3%	1	11.1%	0	0%	1	11.1%	1	11.1%	1	11.1%	0	0%	5	55.6%

### Count by Occupancy of Carpools and Vanpools

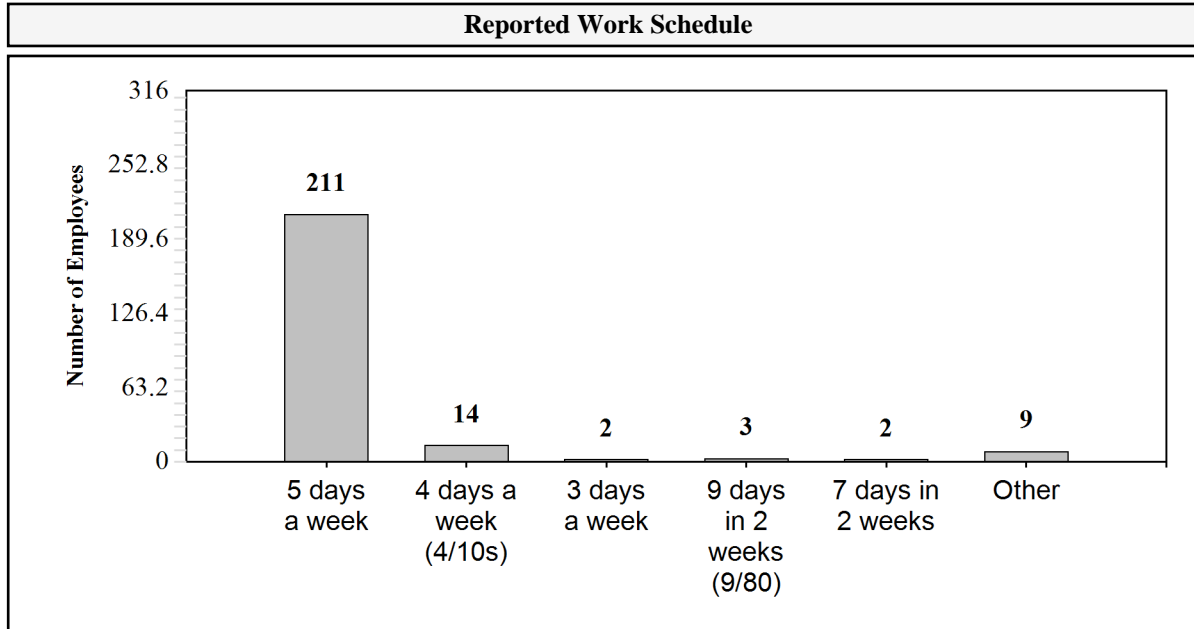
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	53
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	2
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	5
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

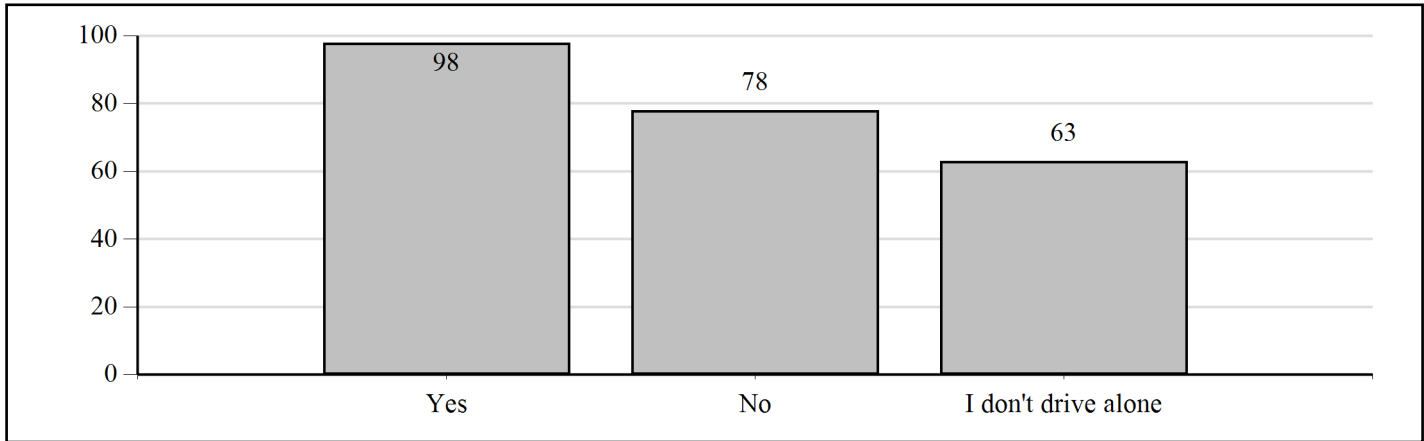
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	211	87.6%
4 days a week (4/10s)	14	5.8%
3 days a week	2	0.8%
9 days in 2 weeks (9/80)	3	1.2%
7 days in 2 weeks	2	0.8%
Other	9	3.7%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.4%
I don't telework	105	43.4%
Occasionally, on an as-needed basis	63	26.0%
1-2 days/month	24	9.9%
1 day/week	28	11.6%
2 days/week	15	6.2%
3 days/week	6	2.5%



**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	95	18.0%
Cost of parking or lack of parking	93	17.6%
To save money	80	15.2%
Environmental and community benefits	50	9.5%
Other	42	8.0%
I have the option of teleworking	41	7.8%
To save time using the HOV lane	40	7.6%
Personal health or well-being	39	7.4%
Financial incentives for carpooling, bicycling or walking.	20	3.8%
Driving myself is not an option	20	3.8%
Emergency ride home is provided	4	0.8%
I receive a financial incentive for giving up my parking space	3	0.6%
Preferred/reserved carpool/vanpool parking is provided	1	0.2%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	122	25.0%
I like the convenience of having my car	116	23.8%
Other	79	16.2%
Family care or similar obligations	71	14.5%
My job requires me to use my car for work	60	12.3%
Bicycling or walking isn't safe	17	3.5%
My commute distance is too short	15	3.1%
I need more information on alternative modes	5	1.0%
There isn't any secure or covered bicycle parking	3	0.6%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	1	0	7	0	0	4	0	2	1
2	1	0	1	7	0	0	6	0	1	1
3	1	0	0	1	0	0	2	0	0	0
4	1	1	1	8	1	0	3	0	5	0
5	4	0	0	9	0	0	6	0	2	1
6	2	0	0	7	0	0	5	0	1	1
7	0	0	0	3	0	0	0	0	0	0
8	2	0	0	9	0	0	1	0	3	0
9	0	0	0	1	0	0	2	0	0	0
10	3	0	0	30	2	0	14	0	1	0
11 or more	1	0	0	4	0	0	1	0	0	0
# Of Employees using Transit	16	2	2	86	3	0	44	0	15	4
Total One-Way Transit Trips Per Week	100	5	6	599	24	0	272	0	74	14

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	1	0	6	0	0	4	0	2	0
2	1	0	1	6	0	0	6	0	1	1
3	1	0	0	1	0	0	1	0	0	0
4	1	1	1	7	1	0	2	0	4	0
5	3	0	0	9	0	0	5	0	2	1
6	2	0	0	5	0	0	4	0	1	1
7	0	0	0	3	0	0	0	0	0	0
8	2	0	0	9	0	0	0	0	3	0
9	0	0	0	0	0	0	1	0	0	0
10	2	0	0	29	2	0	14	0	1	0
11 or more	1	0	0	3	0	0	1	0	0	0
# Of Employees using Transit	14	2	2	78	3	0	38	0	14	3
Total One-Way Transit Trips Per Week	85	5	6	546	24	0	237	0	70	13

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	9	3.72%	2	1	0	3	24	0	12	0	1	0	0	0	0
98117	9	3.72%	7	5	0	0	29	0	0	0	3	0	0	0	1
98107	8	3.31%	5	0	0	0	27	4	1	0	1	0	0	0	0
98116	8	3.31%	16	0	0	0	19	0	2	0	0	0	0	3	0
98106	7	2.89%	24	0	0	2	6	0	0	0	3	0	0	0	0
98121	7	2.89%	0	0	0	0	0	0	0	38	0	0	0	0	0
98199	7	2.89%	22	1	0	0	6	0	4	0	1	0	0	0	0
98112	6	2.48%	23	0	0	2	7	0	0	0	0	0	0	0	0
98133	6	2.48%	7	0	0	0	19	0	0	0	4	0	0	0	0
98102	5	2.07%	0	0	0	0	10	5	0	10	0	0	0	0	0
98118	5	2.07%	3	2	0	0	4	15	0	0	1	0	0	0	0
98144	5	2.07%	0	1	0	1	4	10	3	1	5	0	0	0	0
98166	5	2.07%	8	5	0	0	13	1	0	0	0	0	0	0	0
98001	4	1.65%	14	4	0	0	0	0	0	0	1	0	0	0	0
98043	4	1.65%	5	5	0	0	9	0	0	0	0	3	0	0	0
98109	4	1.65%	0	2	0	0	9	0	0	7	0	0	0	0	2
98125	4	1.65%	1	1	0	0	16	0	0	0	1	0	0	0	0
98155	4	1.65%	15	0	0	0	5	0	0	0	0	0	0	0	0
98177	4	1.65%	1	0	0	0	15	0	0	0	2	0	0	0	0
98208	4	1.65%	17	0	0	0	0	0	0	0	0	0	0	0	0
98006	3	1.24%	10	0	0	0	3	0	0	0	2	0	0	0	0
98012	3	1.24%	5	0	0	0	10	0	0	0	0	0	0	0	0
98026	3	1.24%	0	0	0	0	13	0	0	0	2	0	0	0	0
98030	3	1.24%	10	0	0	0	0	5	0	0	0	0	0	0	0
98052	3	1.24%	11	0	0	0	4	0	0	0	0	0	0	0	0
98058	3	1.24%	9	0	0	0	5	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98059	3	1.24%	0	3	0	0	9	0	0	0	3	0	0	0	0
98072	3	1.24%	6	5	0	0	0	0	0	0	4	0	0	0	0
98087	3	1.24%	7	2	0	0	5	0	0	0	1	0	0	0	0
98108	3	1.24%	5	0	0	0	6	4	0	0	0	0	0	0	0
98110	3	1.24%	0	0	0	0	0	0	4	0	0	0	0	9	0
98126	3	1.24%	0	0	0	0	13	2	0	0	0	0	0	0	0
98136	3	1.24%	0	2	0	0	8	0	0	0	0	0	0	0	5
98367	3	1.24%	0	0	0	0	0	0	0	0	0	0	5	9	0
98004	2	0.83%	1	3	0	0	5	0	0	0	0	0	0	0	0
98020	2	0.83%	4	0	0	0	4	0	0	0	1	0	0	0	1
98023	2	0.83%	1	0	0	0	4	0	0	0	3	0	0	0	0
98031	2	0.83%	5	0	0	0	0	5	0	0	0	0	0	0	0
98032	2	0.83%	0	0	0	0	5	3	0	0	1	0	0	0	0
98033	2	0.83%	0	0	0	0	10	0	0	0	0	0	0	0	0
98036	2	0.83%	0	0	0	0	8	0	0	0	2	0	0	0	0
98040	2	0.83%	4	0	0	0	5	0	0	0	1	0	0	0	0
98101	2	0.83%	0	0	0	0	0	0	0	10	0	0	0	0	0
98104	2	0.83%	0	0	0	0	0	1	0	10	0	0	0	0	0
98105	2	0.83%	0	5	0	0	0	2	2	0	1	0	0	0	0
98115	2	0.83%	0	0	0	0	6	0	0	0	4	0	0	0	0
98119	2	0.83%	5	0	0	0	5	0	0	0	0	0	0	0	0
98122	2	0.83%	5	0	0	0	0	0	0	7	0	0	0	0	0
98178	2	0.83%	4	0	0	0	0	5	0	0	0	0	0	0	0
98198	2	0.83%	0	0	0	0	4	5	0	0	1	0	0	0	0
98290	2	0.83%	7	0	0	0	3	0	0	0	0	0	0	0	0
98310	2	0.83%	2	0	0	0	0	0	0	0	2	0	0	8	0
98312	2	0.83%	0	0	0	0	0	0	0	0	0	0	1	9	0
98374	2	0.83%	0	0	0	0	0	10	0	0	0	0	0	0	0
98422	2	0.83%	5	4	0	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
53185	1	0.41%	1	0	0	0	0	0	0	0	0	0	0	0	0
83646	1	0.41%	0	0	0	0	0	0	0	5	0	0	0	0	0
98002	1	0.41%	4	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.41%	0	0	0	0	0	5	0	0	0	0	0	0	0
98005	1	0.41%	0	0	0	0	5	0	0	0	0	0	0	0	0
98010	1	0.41%	0	0	0	0	0	7	0	0	0	0	0	0	0
98011	1	0.41%	0	0	0	0	5	0	0	0	0	0	0	0	0
98014	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98021	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.41%	5	2	0	0	0	0	0	0	0	0	0	0	0
98027	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.41%	6	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.41%	0	0	0	0	5	0	0	0	0	0	0	0	0
98034	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.41%	0	0	0	0	4	0	0	0	0	1	0	0	0
98074	1	0.41%	0	0	0	0	1	0	0	0	0	0	0	0	5
98075	1	0.41%	4	0	0	0	0	0	0	0	1	0	0	0	0
98092	1	0.41%	3	2	0	0	0	0	0	0	0	0	0	0	0
98146	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.41%	0	0	0	0	0	3	0	0	0	0	0	0	0
98168	1	0.41%	0	0	0	0	2	2	0	0	0	0	0	0	1
98188	1	0.41%	4	0	0	0	0	0	0	0	0	0	0	0	0
98201	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98236	1	0.41%	0	0	5	0	0	0	0	0	0	0	0	0	0
98292	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98296	1	0.41%	0	2	0	0	3	0	0	0	0	0	0	0	0
98321	1	0.41%	0	0	0	0	0	5	0	0	0	0	0	0	0
98332	1	0.41%	1	0	0	0	0	3	0	0	1	0	0	0	0
98342	1	0.41%	0	0	0	0	0	0	0	0	0	0	0	0	5
98346	1	0.41%	0	0	0	0	0	5	0	0	0	0	0	0	0
98366	1	0.41%	0	0	0	0	0	0	0	0	0	0	5	0	0
98372	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98373	1	0.41%	4	0	0	0	0	0	0	0	0	0	0	0	0
98391	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0
98405	1	0.41%	1	0	0	0	1	2	0	0	1	0	0	0	0
98406	1	0.41%	1	0	0	0	4	0	0	0	0	0	0	0	0
98444	1	0.41%	4	0	0	0	0	0	0	0	1	0	0	0	0
98446	1	0.41%	0	0	0	0	5	0	0	0	0	0	0	0	0
98467	1	0.41%	5	0	0	0	0	0	0	0	0	0	0	0	0